

COACERVATE

Meaning: Coacervate refers to a droplet or aggregate of colloidal particles that forms a distinct phase in a solution, often exhibiting properties of separation and organization.

1. The scientist observed that the coacervate formed a distinct boundary within the experimental solution.
2. In the lab, the researchers were fascinated by the behavior of coacervates under different pH levels.
3. Coacervates are believed to play a crucial role in the origin of life theories by encapsulating organic molecules.
4. She explained how coacervates can mimic cellular structures, providing insights into the evolution of primitive life.
5. The formation of coacervates in the mixture demonstrated how simple compounds could organize into complex structures.
6. The researchers observed that the coacervate formed in the solution was rich in organic compounds.
7. In the lab, scientists successfully created a coacervate that mimicked the early conditions of life on Earth.
8. The coacervate's unique properties made it an excellent candidate for further studies in drug delivery systems.
9. By altering the pH of the solution, they were able to control the stability of the coacervate.
10. Understanding how coacervates interact with other molecules could unlock new possibilities in biochemistry.

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